

# PROJECT 10073 RECORD CARD

1. DATE 14 Oct 1963		2. LOCATION Saint John Canada		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon  <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft  <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical  <input checked="" type="checkbox"/> Other <u>Satellite</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
3. DATE-TIME GROUP Local <u>0618 AM DST</u> GMT <u>14/0843Z</u>		4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 20 Secnds		8. NUMBER OF OBJECTS 1		9. COURSE NW-SE	
10. BRIEF SUMMARY OF SIGHTING Observer reported object which he believed to be ECHO.				11. COMMENTS ECHO Data indicates object not ECHO. Possibly other Satellite.	



34. Date you completed this questionnaire:

3

Day

NOVEMBER

Month

1963

Year

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

I FEEL CONFIDENT, HAVING READ COUNTLESS ACCOUNTS OF UFO SIGHTINGS, FROM THE RIDICULOUS TO THE SINCERE, HAVING OBSERVED MANY SHOOTING STARS, HAVING BECOME ~~FAMILIAR~~ FAMILAR WITH THE PRESENCE OF SATELLITES AND THEIR APPEARANCE TO THE NAKED EYE, AND BEING RELATIVELY FAMILAR WITH THE SOLAR SYSTEM AND THE CONSTELLATIONS, THAT WHAT I WITNESSED ON OCT. 14 WAS THE COMMON PASSAGE OF A SATELLITE, AS WAS STATED IN THE LETTER ACCOMPANYING THIS QUESTIONNAIRE.



SE 14/0848

0758 AT 16.56 - 45.88  
- 14.9. -

NOT CC HQ.

OFFICE OF INFORMATION  
OSAF

13 OCT NOV 14 14 04

INCOMING



OCTOBER 9, 1963

SATELLITE 1960 IOTA 1, LONG 1

These predictions are based on orbital elements revised on October 7, 1963  
 T<sub>0</sub> = October 8.0, times are in days, U.T.  
 Argument of perigee = 347.34 + 3.1850 (t-T<sub>0</sub>)  
 Right ascension of ascending node = 145.719 + 3.3234 (t-T<sub>0</sub>)

Inclination = 47.72678

Eccentricity = 0.058263 + 1.91 × 10<sup>-5</sup> (t-T<sub>0</sub>)

Semi-major axis = 7.225747 megawatts

Mean anomaly (asc.) = 0.44172 + 12.519182 (t-T<sub>0</sub>) 2.0461 × 10<sup>-4</sup> (t-T<sub>0</sub>)<sup>2</sup>SATELLITE 1960 IOTA 1  
FOR OTHER LATITUDES

EQUATOR S-N  
TIME LONG. LAT.  
(UT) (W) (N)

SOUTH-NORTH  
TIME LONG. HT. BEAR.  
CORR. (M) (N-E)

NORTH-SOUTH  
TIME LONG. HT. BEAR.  
CORR. (M) (N-E)

OCTOBER 12, 1963

0 31.1	255.13	47.5	25.8	-83.45	682	90.0*	25.8	-83.50	682	90.0*
1 24.9	254.18	45.0	21.1	-81.25	643	72.3	30.6	-105.66	737	107.5*
2 20.8	253.18	40.0	17.4	-45.95	625	60.7	34.5	-120.92	709	119.3*
3 18.3	252.21	35.0	14.7	-38.27	620	54.1	37.5	-130.54	632	126.0*
4 16.1	251.23	30.0	12.3	-28.88	621	49.5	40.1	-137.87	672	130.6*
5 14.8	250.26	20.0	9.0	-17.48	635	43.8	44.9	-144.12	945	136.4*
6 13.5	249.29	0.	0.	0.	707	40.0*	54.1	-166.30	1070	140.2*
7 12.3	248.31	-10.0	-8.4	17.40	824	43.7*	-51.0	-147.57	1160	136.5*
8 11.0	247.34	-30.0	-13.1	28.69	899	49.4*	-45.7	-136.45	1183	130.8
9 9.8	246.36	-45.0	-15.8	35.99	942	53.9*	-42.7	-129.22	1187	126.2
10 8.5	245.39	-50.0	-18.9	45.56	990	60.6*	-39.2	-119.72	1189	119.4
11 7.2	244.41	-45.0	-23.3	60.69	1051	72.2*	-34.8	-104.66	1163	107.5*
12 6.0	243.44	-47.5	-28.0	92.67	1116	90.0*	-28.9	-82.72	1116	90.0*

OCTOBER 13, 1963

0 31.1	255.13	47.5	25.8	-83.44	670	90.0	25.8	-83.49	671	90.0
1 24.9	254.18	45.0	21.1	-81.23	636	72.3	30.6	-105.68	722	107.5*
2 20.8	253.18	40.0	17.4	-45.94	622	60.7	34.5	-120.93	712	119.3*
3 18.3	252.21	35.0	14.7	-38.26	620	54.1	37.4	-130.55	613	126.0*
4 16.1	251.23	30.0	12.3	-28.87	623	49.5	40.0	-137.88	652	130.6*
5 14.8	250.26	20.0	9.0	-17.47	643	43.8	44.8	-149.15	924	136.4*
6 13.5	249.29	0.	0.	0.	722	40.0*	53.9	-166.35	1053	140.2*
7 12.3	248.31	-10.0	-8.4	17.38	843	43.7*	-51.3	-147.52	1151	136.5*
8 11.0	247.34	-30.0	-13.1	28.66	919	49.4*	-45.9	-136.39	1180	130.8*
9 9.8	246.36	-45.0	-15.8	35.96	961	53.9*	-42.9	-129.16	1186	126.2
10 8.5	245.39	-50.0	-18.9	45.53	1009	60.6*	-39.5	-119.46	1186	119.4
11 7.2	244.41	-45.0	-23.3	60.65	1068	72.2*	-34.9	-104.60	1171	107.5*
12 6.0	243.44	-47.5	-28.0	92.62	1130	90.0*	-29.1	-82.67	1130	90.0*

OCTOBER 14, 1963

0 31.1	255.13	47.5	25.8	-83.44	661	90.0	25.8	-83.49	661	90.0
1 24.9	254.18	45.0	21.1	-81.22	631	72.3	30.6	-105.66	708	107.5*
2 20.8	253.18	40.0	17.4	-45.92	621	60.7	34.5	-120.93	706	119.3*
3 18.3	252.21	35.0	14.7	-38.24	621	54.1	37.4	-130.55	634	126.0*
4 16.1	251.23	30.0	12.3	-28.86	627	49.5	40.0	-137.89	674	130.6*
5 14.8	250.26	20.0	9.0	-17.46	651	43.8	44.7	-149.18	926	136.4*
6 13.5	249.29	0.	0.	0.	736	40.0*	53.8	-166.39	1037	140.2*
7 12.3	248.31	-10.0	-8.4	17.37	861	43.7*	-51.5	-147.46	1141	136.5*
8 11.0	247.34	-30.0	-13.1	28.65	937	49.3*	-46.2	-136.33	1175	130.8*
9 9.8	246.36	-45.0	-15.8	35.93	979	53.9*	-43.2	-129.10	1185	126.2
10 8.5	245.39	-50.0	-18.9	45.49	1026	60.6*	-39.7	-119.60	1188	119.4
11 7.2	244.41	-45.0	-23.3	60.61	1083	72.2*	-35.1	-104.55	1177	107.5*
12 6.0	243.44	-47.5	-28.0	92.57	1141	90.0*	-29.3	-82.62	1141	90.0*

OCTOBER 15, 1963

0 31.1	255.13	47.5	25.8	-83.42	652	90.0	25.8	-83.47	652	90.0
1 24.9	254.18	45.0	21.1	-81.21	627	72.3	30.6	-105.67	698	107.5*
2 20.8	253.18	40.0	17.4	-45.91	620	60.7	34.5	-120.93	700	119.3*
3 18.3	252.21	35.0	14.7	-38.23	624	54.1	37.4	-130.57	776	126.0*
4 16.1	251.23	30.0	12.3	-28.84	630	49.5	40.0	-137.91	815	130.6*
5 14.8	250.26	20.0	9.0	-17.45	657	43.8	44.6	-149.20	856	136.4*
6 13.5	249.29	0.	0.	0.	741	40.0*	53.6	-166.43	1014	140.2*
7 12.3	248.31	-10.0	-8.4	17.35	861	43.7*	-51.7	-147.41	1110	136.5*
8 11.0	247.34	-30.0	-13.1	28.63	937	49.3*	-46.4	-136.30	1140	130.8*
9 9.8	246.36	-45.0	-15.8	35.91	979	53.9*	-43.4	-129.07	1181	126.2
10 8.5	245.39	-50.0	-18.9	45.47	1026	60.6*	-39.9	-119.53	1181	119.4
11 7.2	244.41	-45.0	-23.3	60.59	1083	72.2*	-35.3	-104.50	1170	107.5*
12 6.0	243.44	-47.5	-28.0	92.54	1141	90.0*	-29.5	-82.58	1141	90.0*

SATELLITE 1960 IOTA 1  
FOR OTHER LATITUDES

EQUATOR S-N  
TIME LONG. LAT.  
(UT) (W) (N)

SOUTH-NORTH  
TIME LONG. HT. BEAR.  
CORR. (M) (N-E)

NORTH-SOUTH  
TIME LONG. HT. BEAR.  
CORR. (M) (N-E)

OCTOBER 16, 1963

0 7.3	266.33	47.5	25.9	-84.41	644	90.0	26.0	-83.46	644	90.0
1 2.0	265.36	45.0	21.3	-81.19	624	72.3	30.7	-105.66	683	107.5*
2 26.7	264.38	40.0	17.6	-45.89	621	60.7	34.5	-120.93	725	119.3*
3 21.4	263.40	35.0	14.9	-38.21	627	54.1	37.4	-130.57	762	126.0*
4 16.2	262.42	30.0	12.5	-28.63	638	49.5*	39.9	-137.91	798	130.6*
5 10.9	261.44	20.0	9.2	-17.44	670	43.8*	44.6	-149.21	867	136.4*
6 5.6	260.46	0.	0.	0.	768	40.0*	53.5	-166.46	1001	140.2*
7 30.3	259.49	-10.0	-8.7	17.33	899	43.6*	-51.9	-147.37	1118	136.5*
8 25.0	258.51	-30.0	-13.5	28.58	975	49.3*	-46.6	-136.25	1161	130.8*
9 19.7	257.53	-45.0	-18.3	35.87	1016	53.9*	-43.6	-129.99	1177	126.2
10 14.4	256.55	-50.0	-23.0	45.42	1060	60.6*	-40.2	-119.49	1187	119.4
11 9.1	255.57	-45.0	-27.9	60.52	1112	72.2*	-35.5	-104.44	1166	107.5*
12 3.8	254.59	-47.5	-29.7	82.47	1161	90.0*	-29.7	-82.51	1161	90.0*

OCTOBER 17, 1963

0 50.6	263.61	47.5	26.0	-83.39	637	90.0	26.0	-83.44	637	90.0
1 39.3	262.63	45.0	21.4	-81.17	622	72.3	30.7	-105.65	672	107.5*
2 48.0	261.65	40.0	17.7	-45.87	623	60.7	34.5	-120.92	711	119.3*
3 42.7	260.67	35.0	15.0	-38.19	622	54.0*	37.4	-130.57	746	126.0*
4 37.4	259.69	30.0	12.6	-28.61	645	49.5*	39.9	-137.92	780	130.6*
5 32.1	258.71	20.0	9.3	-17.43	682	43.8*	44.5	-149.22	848	136.4*
6 26.8	257.73	0.	0.	0.	765	40.0*	53.4	-166.49	982	140.2*
7 21.5	256.75	-10.0	-8.7	17.32	919	43.6*	-52.3	-147.32	1104	136.5*
8 16.2	255.77	-30.0	-13.6	28.55	954	49.3*	-46.8	-136.17	1152	130.8*
9 10.9	254.79	-45.0	-18.4	35.84	1034	53.9*	-43.8	-128.94	1170	126.2
10 5.6	253.81	-50.0	-23.1	45.35	1077	60.6*	-40.4	-119.44	1184	119.4
11 0.3	252.83	-45.0	-27.9	60.47	1126	72.2*	-35.7	-104.38	1168	107.5*
12 55.1	251.85	-47.5	-29.9	82.41	1175	90.0*	-29.9	-82.46	1170	90.0*

OCTOBER 18, 1963

1 49.8	260.87	47.5	26.1	-83.37	631	90.0	26.1	-83.42	632	90.0
2 38.5	259.89	45.0	21.5	-81.15	621	72.3	30.5	-105.64	661	107.5*
3 47.2	258.91	40.0	17.8	-45.85	626	60.7*	34.6	-120.91	707	119.3*
4 41.9	257.93	35.0	15.1	-38.17	626	54.0*	37.4	-130.56	740	126.0*
5 36.6	256.95	30.0	12.7	-28.59	654	49.5*	39.9	-137.91	782	130.6*
6 31.3	255.97	20.0	9.4	-17.41	694	43.8*	44.5	-149.21	848	136.4*
7 26.0	254.99	0.	0.	0.	783	40.0*	53.3	-166.52	982	140.2*
8 20.7	254.01	-10.0	-8.7	17.30	939	43.6*	-52.2	-147.28	1089	136.5*
9 15.4	253.03	-30.0	-13.7	28.53	1013	49.3*	-47.0	-136.13	1141	130.8*
10 10.1	252.05	-45.0	-18.5	35.80	1093	53.9*	-44.0	-126.89	1163	126.2
11 4.8	251.07	-50.0	-23.2	45.30	1139	60.6*	-40.6	-119.38	1180	119.4
12 51.5	250.08	-45.0	-27.9	60.41	1187	72.2*	-35.9	-104.32	1169	107.5*
13 50.2	249.10	-47.5	-29.7	82.35	1237	90.0*	-30.1	-82.31	1177	90.0*

OCTOBER 19, 1963

0	40.2	249.10	47.5	26.2	-83.35	627	90.0	26.2	-83.40	627	90.0
1	40.9	316.12	45.0	21.6	-60.23	671	12.1	30.9	-105.61	652	107.5*
2	39.6	347.14	40.0	17.9	-45.83	626	60.7*	34.6	-120.89	689	119.3*
3	36.3	36.16	35.0	15.2	-38.13	626	54.0*	37.4	-130.55	718	126.0*
4	27.0	45.17	30.0	12.8	-28.57	654	49.5*	39.9	-137.89	747	130.6*
5	17.7	74.19	20.0	9.5	-17.39	697	43.8*	44.5	-149.19	841	136.4*
6	10.4	103.21	0.	0.	0.	792	40.0*	53.2	-166.53	984	140.2*
7	0.1	152.23	-6.0	-1.2	0.	90	40.0*	62.3	-187.55	1074	136.0*
8	0.0	161.23	-6.0	-1.2	0.	100	40.0*	62.3	-187.55	1174	136.0*
9	0.0	170.23	-6.0	-1.2	0.	110	40.0*	62.3	-187.55	1274	136.0*
10	0.0	179.23	-6.0	-1.2	0.	120	40.0*	62.3	-187.55	1374	136.0*
11	0.0	188.23	-6.0	-1.2	0.	130	40.0*	62.3	-187.55	1474	136.0*
12	0.0	197.23	-6.0	-1.2	0.	140	40.0*	62.3	-187.55	1574	136.0*
13	0.0	206.23	-6.0	-1.2	0.	150	40.0*	62.3	-187.55	1674	136.0*
14	0.0	215.23	-6.0	-1.2	0.	160	40.0*	62.3	-187.55	1774	136.0*
15	0.0	224.23	-6.0	-1.2	0.	170	40.0*	62.3	-187.55	1874	136.0*
16	0.0	233.23	-6.0	-1.2	0.	180	40.0*	62.3	-187.55	1974	136.0*
17	0.0	242.23	-6.0	-1.2	0.	190	40.0*	62.3	-187.55	2074	136.0*
18	0.0	251.23	-6.0	-1.2	0.	200	40.0*	62.3	-187.55	2174	136.0*
19	0.0	260.23	-6.0	-1.2	0.	210	40.0*	62.3	-187.55	2274	136.0*
20	0.0	269.23	-6.0	-1.2	0.	220	40.0*	62.3	-187.55	2374	136.0*
21	0.0	278.23	-6.0	-1.2	0.	230	40.0*	62.3	-187.55	2474	136.0*
22	0.0	287.23	-6.0	-1.2	0.	240	40.0*	62.3	-187.55	2574	136.0*
23	0.0	296.23	-6.0	-1.2	0.	250	40.0*	62.3	-187.55	2674	136.0*
24	0.0	305.23	-6.0	-1.2	0.	260	40.0*	62.3	-187.55	2774	136.0*
25	0.0	314.23	-6.0	-1.2	0.	270	40.0*	62.3	-187.55	2874	136.0*
26	0.0	323.23	-6.0	-1.2	0.	280	40.0*	62.3	-187.55	2974	136.0*
27	0.0	332.23	-6.0	-1.2	0.	290	40.0*	62.3	-187.55	3074	136.0*
28	0.0	341.23	-6.0	-1.2	0.	300	40.0*	62.3	-187.55	3174	136.0*
29	0.0	350.23	-6.0	-1.2	0.	310	40.0*	62.3	-187.55	3274	136.0*
30	0.0	359.23	-6.0	-1.2	0.	320	40.0*	62.3	-187.55	3374	136.0*
31	0.0	368.23	-6.0	-1.2	0.	330	40.0*	62.3	-187.55	3474	136.0*
32	0.0	377.23	-6.0	-1.2	0.	340	40.0*	62.3	-187.55	3574	136.0*
33	0.0	386.23	-6.0	-1.2	0.	350	40.0*	62.3	-187.55	3674	136.0*
34	0.0	395.23	-6.0	-1.2	0.	360	40.0*	62.3	-187.55	3774	136.0*
35	0.0	404.23	-6.0	-1.2	0.	370	40.0*	62.3	-187.55	3874	136.0*
36	0.0	413.23	-6.0	-1.2	0.	380	40.0*	62.3	-187.55	3974	136.0*
37	0.0	422.23	-6.0	-1.2	0.	390	40.0*	62.3	-187.55	4074	136.0*
38	0.0	431.23	-6.0	-1.2	0.	400	40.0*	62.3	-187.55	4174	136.0*
39	0.0	440.23	-6.0	-1.2	0.	410	40.0*	62.3	-187.55	4274	136.0*
40	0.0	449.23	-6.0	-1.2	0.	420	40.0*	62.3	-187.55	4374	136.0*
41	0.0	458.23	-6.0	-1.2	0.	430	40.0*	62.3	-187.55	4474	136.0*
42	0.0	467.23	-6.0	-1.2	0.	440	40.0*	62.3	-187.55	4574	136.0*
43	0.0	476.23	-6.0	-1.2	0.	450	40.0*	62.3	-187.55	4674	136.0*
44	0.0	485.23	-6.0	-1.2	0.	460	40.0*	62.3	-187.55	4774	136.0*
45	0.0	494.23	-6.0	-1.2	0.	470	40.0*	62.3	-187.55	4874	136.0*
46	0.0	503.23	-6.0	-1.2	0.	480	40.0*	62.3	-187.55	4974	136.0*
47	0.0	512.23	-6.0	-1.2	0.	490	40.0*	62.3	-187.55	5074	136.0*
48	0.0	521.23	-6.0	-1.2	0.	500	40.0*	62.3	-187.55	5174	136.0*
49	0.0	530.23	-6.0	-1.2	0.	510	40.0*	62.3	-187.55	5274	136.0*
50	0.0	539.23	-6.0	-1.2	0.	520	40.0*	62.3	-187.55	5374	136.0*
51	0.0	548.23	-6.0	-1.2	0.	530	40.0*	62.3	-187.55	5474	136.0*
52	0.0	557.23	-6.0	-1.2	0.	540	40.0*	62.3	-187.55	5574	136.0*
53	0.0	566.23	-6.0	-1.2	0.	550	40.0*	62.3	-187.55	5674	136.0*
54	0.0	575.23	-6.0	-1.2	0.	560	40.0*	62.3	-187.55	5774	136.0*
55	0.0	584.23	-6.0	-1.2	0.	570	40.0*	62.3	-187.55	5874	136.0*
56	0.0	593.23	-6.0	-1.2	0.	580	40.0*	62.3	-187.55	5974	136.0*
57	0.0	602.23	-6.0	-1.2	0.	590	40.0*	62.3	-187.55	6074	136.0*
58	0.0	611.23	-6.0	-1.2	0.	600	40.0*	62.3	-187.55	6174	136.0*
59	0.0	620.23	-6.0	-1.2	0.	610	40.0*	62.3	-187.55	6274	136.0*
60	0.0	629.23	-6.0	-1.2	0.	620	40.0*	62.3	-187.55	6374	136.0*
61	0.0	638.23	-6.0	-1.2	0.	630	40.0*	62.3	-187.55	6474	136.0*
62	0.0	647.23	-6.0	-1.2	0.	640	40.0*	62.3	-187.55	6574	136.0*
63	0.0	656.23	-6.0	-1.2	0.	650	40.0*	62.3	-187.55	6674	136.0*
64	0.0	665.23	-6.0	-1.2	0.	660	40.0*	62.3	-187.55	6774	136.0*
65	0.0	674.23	-6.0	-1.2	0.	670	40.0*	62.3	-187.55	6874	136.0*
66	0.0	683.23	-6.0	-1.2	0.	680	40.0*	62.3	-187.55	6974	136.0*
67	0.0	692.23	-6.0	-1.2	0.	690	40.0*	62.3	-187.55	7074	136.0*
68	0.0	701.23	-6.0	-1.2	0.	700	40.0*	62.3	-187.55	7174	136.0*
69	0.0	710.23	-6.0	-1.2	0.	710	40.0*	62.3	-187.55	7274	136.0*
70	0.0	719.23	-6.0	-1.2	0.	720	40.0*	62.3	-187.55	7374	136.0*
71	0.0	728.23	-6.0	-1.2	0.	730	40.0*	62.3	-187.55	7474	136.0*
72	0.0	737.23	-6.0	-1.2	0.	740	40.0*	62.3	-187.55	7574	136.0*
73	0.0	746.23	-6.0	-1.2	0.	750	40.0*	62.3	-187.55	7674	136.0*
74	0.0	755.23	-6.0	-1.2	0.	760	40.0*	62.3	-187.55	7774	136.0*
75	0.0	764.23	-6.0	-1.2	0.	770	40.0*	62.3	-187.55	7874	136.0*
76	0.0	773.23	-6.0	-1.2	0.	780	40.0*	62.3	-187.55	7974	136.0*
77	0.0	782.23	-6.0	-1.2	0.	790	40.0*	62.3	-187.55	8074	136.0*
78	0.0	791.23	-6.0	-1.2	0.	800	40.0*	62.3	-187.55	8174	136.0*
79	0.0	800.23	-6.0	-1.2	0.	810	40.0*	62.3	-187.55	8274	136.0*
80	0.0	809.23	-6.0	-1.2	0.	820	40.0*	62.3	-187.55	8374	136.0*
81	0.0	818.23	-6.0	-1.2	0.	830	40.0*	62.3	-187.55	8474	136.0*
82	0.0	827.23	-6.0	-1.2	0.	840	40.0*	62.3	-187.55	8574	136.0*
83	0.0	836.23	-6.0	-1.2	0.	850	40.0*	62.3	-187.55	8674	136.0*
84	0.0	845.23	-6.0	-1.2	0.	860	40.0*	62.3	-187.55	8774	136.0*
85	0.0	854.23	-6.0	-1.2	0.	870	40.0*	62.3	-187.55	8874	136.0*
86	0.0	863.23	-6.0	-1.2	0.	880	40.0*	62.3	-187.55	8974	136.0*
87	0.0	872.23	-6.0	-1.2	0.	890	40.0*	62.3	-187.55	9074	136.0*
88	0.0	881.23	-6.0	-1.2	0.	900	40.0*	62.3	-187.55	9174	136.0*
89	0.0	890.23	-6.0	-1.2	0.	910	40.0*	62.3	-187.55	9274	136.0*
90	0.0	899.23	-6.0	-1.2	0.	920	40.0*	62.3	-187.55	9374	136.0*
91	0.0	908.23	-6.0	-1.2	0.	930	40.0*	62.3	-187.55	9474	136.0*
92	0.0	917.23	-6.0	-1.2	0.	940	40.0*	62.3	-187.55	9574	136.0*
93	0.0	926.23	-6.0	-1.2	0.	950	40.0*	62.3	-187.55	9674	136.0*
94	0.0	935.23	-6.0	-1.2	0.	960	40.0*	62.3	-187.55	9774	136.0*
95	0.0	944.23	-6.0	-1.2	0.	970	40.0*	62.3	-187.55	9874	136.0*
96	0.0	953.23	-6.0	-1.2	0.	980	40.0*	62.3	-187.55	9974	136.0*
97	0.0	962.23	-6.0	-1.2	0.	990	40.0*	62.3	-187.55	10074	136.0*
98	0.0	971.23	-6.0	-1.2	0.	1000	40.0*	62.3	-187.55	10174	136.0*
99	0.0	980.23	-6.0	-1.2	0.	1010	40.0*	62.3	-187.55	10274	136.0*
100	0.0	989.23	-6.0	-1.2	0.	1020	40.0*	62.3	-187.55	10374	136.0*



RECEIVED OCT 29 1963

AFIP

~~XXXXXXXXXXXXXXXXXXXX~~  
Saint John, N. B.  
Canada.

Oct 26, 1963

National Aeronautics and Space Administration,  
Washington, D. C.

Gentlemen:

Several days ago I witnessed a  
puzzling phenomenon in the skies which  
has since aroused my curiosity.

At 6:18 AM local time, 5:18 AM  
Washington time, (10:18 AM GMT) I saw  
what looked like a bright star travelling  
very rapidly, headed in a direction about  
5 to 10 degrees north of South-East.

The object brightened and dimmed  
3 or 4 seconds.

Thanking you in advance for any  
information you have on this matter, cK  
Yours respectfully,

~~XXXXXXXXXX~~



W 4434, T 1000

October 30, 1963

Dear Mr. [REDACTED]

This is in response to your recent letter in which you reported seeing an unusual phenomena in the sky around the period 20-26 October 1963.

We are inclined to believe that what you saw was the passage of ECHO I which was in the Halifax area on October 24th at 8:54 a.m. (GMT), 1° above the city, traveling in a southeasterly direction. However, since we do not definitely know the date of your sighting, we are inclosing a form (FTD 164) which we request you execute and return to this office. This will better enable the Air Force to evaluate the sighting. You will be notified upon completion of the investigation.

Sincerely,

MASTON M. JACKS  
Major, USAF  
Public Information Division  
Office of Information

[REDACTED]  
[REDACTED]  
Saint John, N. B.  
Canada



10/14

WALSH

## U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

14 OCTOBER 1963  
Day Month Year

2. Time of day: 6 18

Hour

Minutes

(Circle One):

A.M.

or

P.M.

3. Time Zone:

(Circle One):

a. Eastern

b. Central

c. Mountain

d. Pacific

e. Other ATLANTIC (CANADIAN)

(Circle One):

a. Daylight Saving

b. Standard

4. Where were you when you saw the object?

[REDACTED]

Nearest Postal Address

SAINT JOHN

City or Town

N.B.

State or County

5. How long was object in sight? (Total Duration)

Hours

Minutes

20  
Seconds

a. Certain

b. Fairly certain

c. Not very sure

d. Just a guess

5.1 How was time in sight determined? ESTIMATED

5.2 Was object in sight continuously?

Yes ✓No     

6. What was the condition of the sky?

DAY

a. Bright

b. Cloudy

NIGHT

a. Bright

b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One):

a. In front of you

b. In back of you

c. To your right

d. To your left

e. Overhead

f. Don't remember



8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS (Circle One):

- a. None  
b. A few  
c. Many  
d. Don't remember

### 8.2 MOON (Circle One):

- a. Bright moonlight  
b. Dull moonlight  
c. No moonlight - pitch dark  
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS (Circle One):

- a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds

WEATHER (Circle One):

- a. Dry
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

10. The object appeared: (Circle One):

- a. Solid  
b. Transparent  
c. Vapor  
d. As a light  
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (Circle One):

- a. Brighter  
b. Dimmer  
c. About the same  
d. Don't know

### 11.1 Compare brightness to some common object:

AS BRIGHT AS A BRIGHT STAR

12. The edges of the object were:

(Circle One): a. ~~Fuzzy or blurred~~  
b. Like a bright star  
c. Sharply outlined  
d. Don't remember

e. Other \_\_\_\_\_

13. Did the object:

(Circle One for each question)

- a. Appear to stand still at any time?
- b. Suddenly speed up and rush away at any time?
- c. Break up into parts or explode?
- d. Give off smoke?
- e. Change brightness?
- f. Change shape?
- g. Flash or flicker?
- h. Disappear and reappear?

[illegible]



14. Did the object disappear while you were watching it? If so, how?

IT GRADUALLY BECAME DIMMER AND DIMMER UNTILL  
IT WAS NO LONGER VISIBLE.

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes ☒ No Don't Know. IF you answered YES, then tell what  
it moved behind: \_\_\_\_\_

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes ☒ No Don't Know. IF you answered YES, then tell what  
in front of: \_\_\_\_\_

17. Tell in a few words the following things about the object:

a. Sound NONE

b. Color SILVERY, LIKE A STAR

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

THE OBJECT WOULD HAVE BEEN COMPLETELY  
COVERED.

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

IT APPEARED AS A STAR



20. Do you think you can estimate the speed of the object?

(Circle One)

Yes

☒ No

IF you answered YES, then what speed would you estimate? \_\_\_\_\_

21. Do you think you can estimate how far away from you the object was?

(Circle One)

Yes

☒ No

IF you answered YES, then how far away would you say it was? \_\_\_\_\_

22. Where were you located when you saw the object?

(Circle One):

- a. Inside a building
- b. In a car
- c. Outdoors
- d. In an airplane (type)
- e. At sea
- f. Other ON A ROOF - TOP

23. Were you (Circle One)

- a. In the business section of a city?
- b. ☒ In the residential section of a city?
- c. In open countryside?
- d. Near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other \_\_\_\_\_

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| a. North     | c. East      | e. South     | g. West      |
| b. Northeast | d. Southeast | f. Southwest | h. Northwest |

24.2 How fast were you moving? \_\_\_\_\_ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One)

Yes

☒ No

25. Did you observe the object through any of the following?

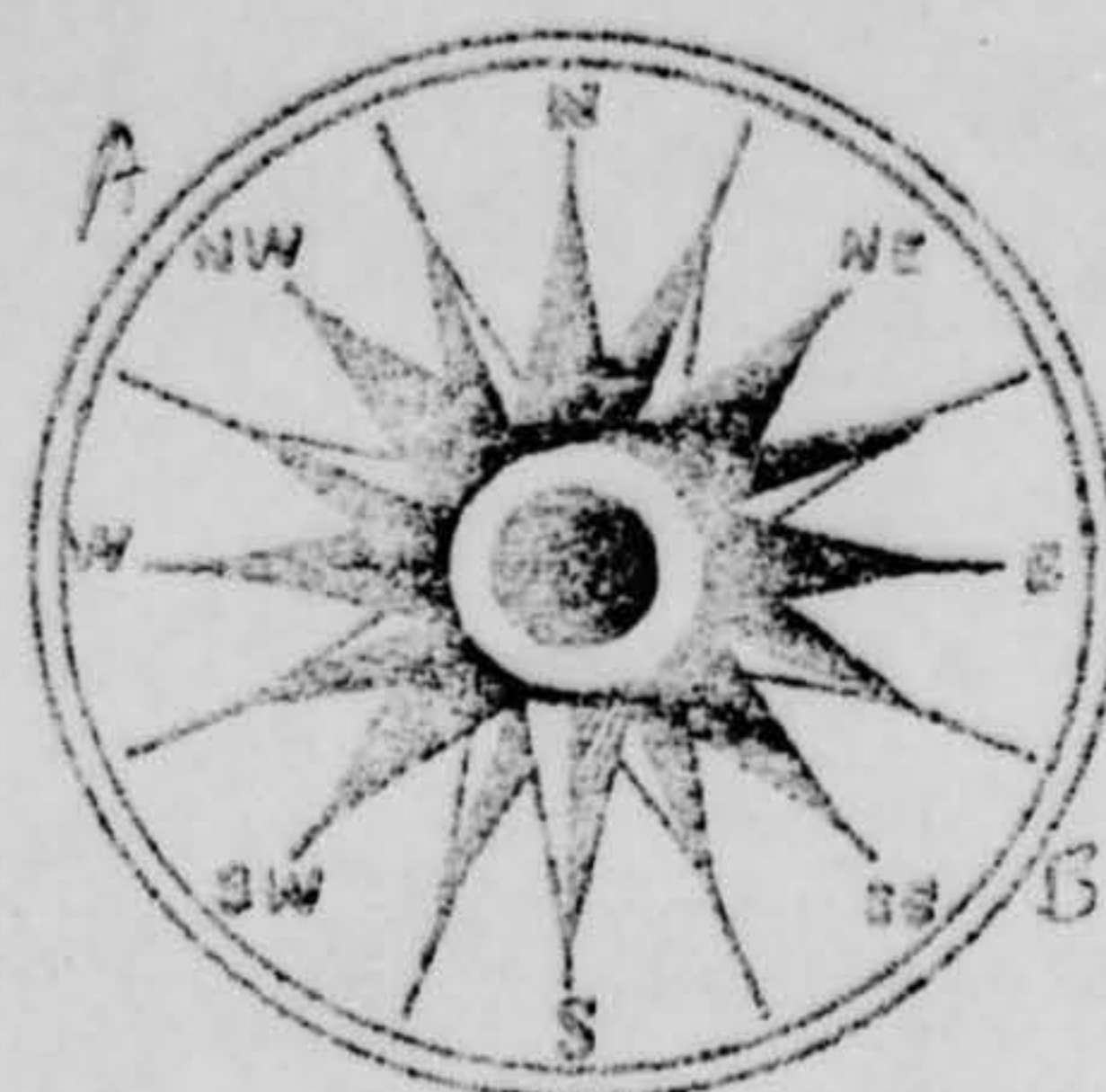
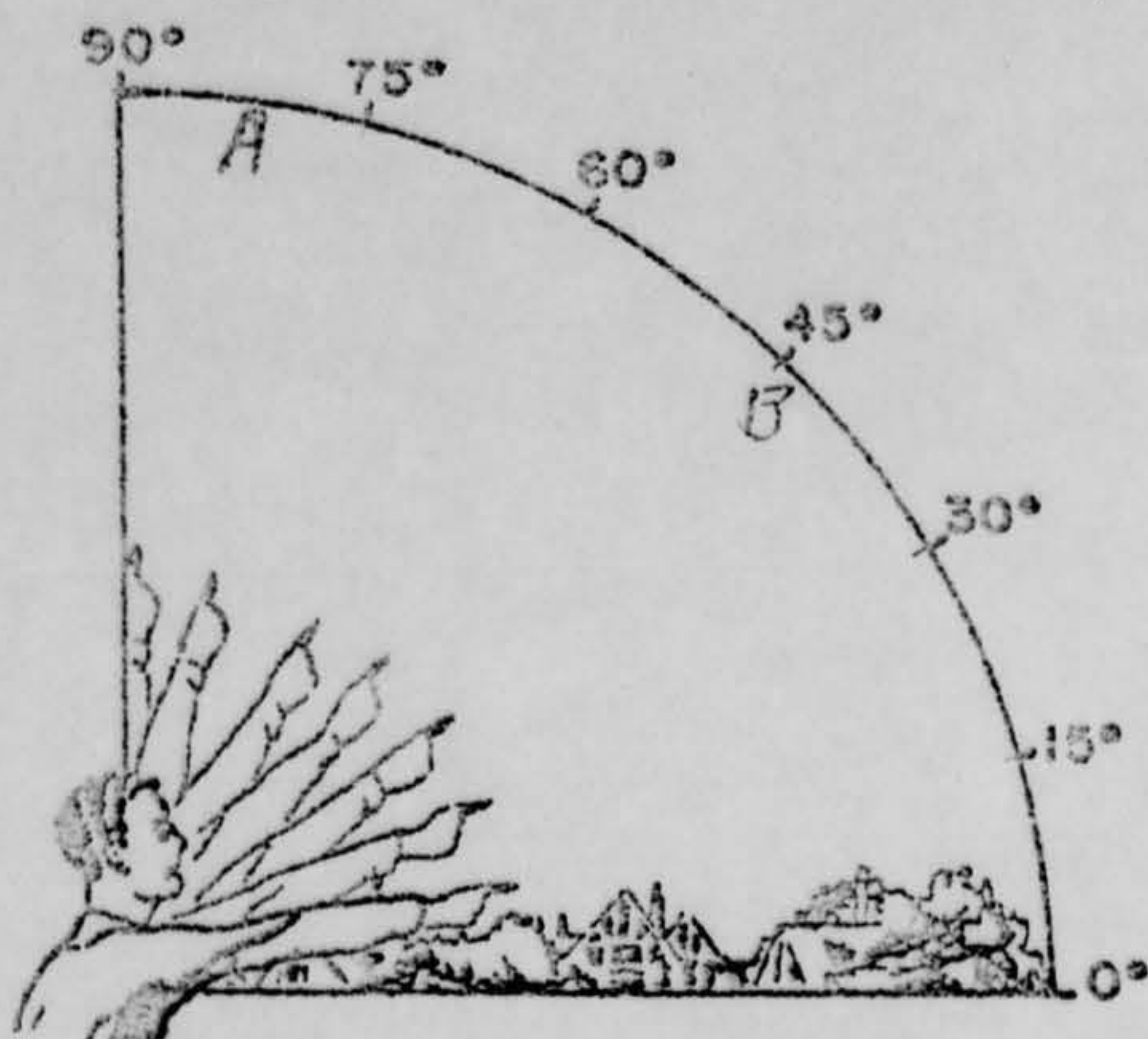
- |                 |     |                                     |               |                                      |                                     |
|-----------------|-----|-------------------------------------|---------------|--------------------------------------|-------------------------------------|
| a. Eyeglasses   | Yes | <input checked="" type="radio"/> No | e. Binoculars | <input checked="" type="radio"/> Yes | <input checked="" type="radio"/> No |
| b. Sun glasses  | Yes | <input checked="" type="radio"/> No | f. Telescope  | Yes                                  | <input checked="" type="radio"/> No |
| c. Windshield   | Yes | <input checked="" type="radio"/> No | g. Theodolite | Yes                                  | <input checked="" type="radio"/> No |
| d. Window glass | Yes | <input checked="" type="radio"/> No | h. Other      | <u>NAKED EYE</u>                     |                                     |

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

A BRIGHT STAR

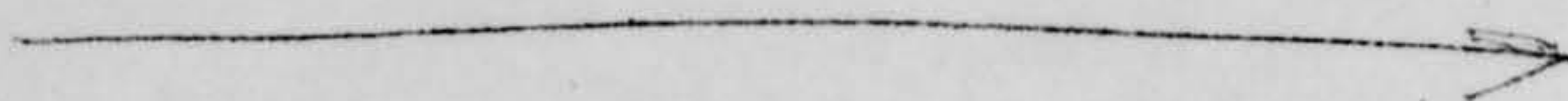


27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.



28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

IT TRAVELLED IN A STRAIGHT LINE.



29. IF there was MORE THAN ONE object, then how many were there? \_\_\_\_\_  
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.



30. Have you ever seen this, or a similar object before. If so give date or dates and location.

IN NOVEMBER OF 1957, I WITNESSED THE PASSAGE  
OF SPUTNIK II FROM THE SAME NEIGHBOURHOOD, ABOUT  
3 BLOCKS AWAY; BOTH SIGHTINGS HAD MANY SIMILARITIES.

31. Was anyone else with you at the time you saw the object? (Circle One) Yes ☐ No ☒

31.1 IF you answered YES, did they see the object too? (Circle One) Yes ☐ No ☐

31.2 Please list their names and addresses:

32. Please give the following information about yourself:

NAME [REDACTED] [REDACTED] [REDACTED]  
Last Name First Name Middle Name  
ADDRESS [REDACTED] [REDACTED] N.B.  
Street City Zone State  
TELEPHONE NUMBER [REDACTED] AGE 21 SEX MALE

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

20 (APPROX) OCTOBER 1953 TO THE NATIONAL  
Day Month Year  
AERONAUTICS AND SPACE ADMINISTRATION.